



Applic. No.: 09/775,041

Amendments to the Claims

Claim 1 (withdrawn): A method for removing from at least single-layer webs of material, particles formed by devices which are arranged along a web travel path in a slitting zone, which comprises generating a suction zone associated with the slitting devices in accordance with the position of a cutting location.

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Claim 2 (withdrawn): The method according to claim 1, which includes effecting the suction zone by deflecting flexible elements for delimiting a suction device.

Claim 3 (withdrawn): The method according to claim 2, which includes deflecting the flexible elements by displacing elements for producing the deflections of the flexible elements in a forcibly coupled manner with the slitting devices.

Claim 4 (currently amended): A device for removing from at least single-layer webs of material, particles formed by slitting devices arranged along a web travel path in a slitting zone, comprising:

elements forming a suction zone;

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deflection elements movable parallel to an axis of rotation of the slitting devices for deflecting said elements forming a suction-zone, said deflection elements being coupled to the slitting devices.

Claim 5 (original) : The particle-removing device according to claim 4, wherein said elements forming said suction zone are constructed as flexible brushes.

Claim 6 (withdrawn) : The particle-removing device according to claim 4, wherein said elements forming said suction zone are flexible and are constructed as lamellar displaceable elements.

Claim 7 (original) : The particle-removing device according to claim 4, wherein said elements forming said suction zone delimit an opening formed in a suction device.

Claim 8 (original) : The particle-removing device according to claim 4, wherein said deflecting elements are held on a bearing plate of one of the slitting devices.

Claim 9 (original) : The particle-removing device according to claim 8, including a drive for displacing said bearing plate in a given direction of displacement.

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Claim 10 (original): The particle-removing device according to claim 9, wherein said direction of displacement extends perpendicularly to the travel direction of the web of material.

Claim 11 (original): The particle-removing device according to claim 7, wherein said suction device comprises a vacuum box with lateral vacuum ports.

Claim 12 (original): The particle-removing device according to claim 7, wherein said suction device is formed with an opening covered by deflectable elements.

Claim 13 (original): The particle-removing device according to claim 12, wherein said deflectable elements are arranged in rows.

Claim 14 (original): The particle-removing device according to claim 4, wherein said deflection elements comprise a rounded contour.

Claim 15 (original): The particle-removing device according to claim 14, wherein said deflection elements are capable of generating a suction zone lying in the web travel plane and extending into an outlet wedge of the mutually cooperating slitting devices.

Claim 16 (currently amended): A jobbing web-fed rotary printing machine having a device for removing from at least single-layer webs of material, particles formed by slitting devices arranged along a web travel path in a slitting zone, comprising:

elements forming a suction zone;

deflection elements movable parallel to an axis of rotation of the slitting devices for deflecting said elements ~~forming a suction zone~~, said deflection elements being coupled to the slitting devices.

Claim 17 (currently amended): A newspaper rotary printing machine having a device for removing from at least single-layer webs of material, particles formed by slitting devices arranged along a web travel path in a slitting zone, comprising:

elements forming a suction zone;

deflection elements movable parallel to an axis of rotation of the slitting devices for deflecting said elements ~~forming a suction zone~~, said deflection elements being coupled to the slitting devices.

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Claim 18 (withdrawn) : The method according to claim 1, which includes situating the slitting zone in a turner-bar superstructure of a web-processing rotary printing machine.

Claim 19 (withdrawn) : The particle-removing device according to claim 4, wherein the slitting zone is situated in a turner-bar superstructure of a web-processing rotary printing machine.

Claim 20 (withdrawn) : The jobbing web-fed rotary printing machine according to claim 16, wherein the slitting zone is situated in a turner-bar superstructure of the machine.

Claim 21 (withdrawn) : The newspaper rotary printing machine according to claim 17, wherein the slitting zone is situated in a turner-bar superstructure of the machine.

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Concluded